

**APPARATUS FOR PROVIDING A GATEWAY BETWEEN A WIRED  
TELEPHONE AND A WIRELESS TELEPHONE NETWORK**

**Abstract**

5           An apparatus is provided for creating a gateway between a wired telephone and a  
wireless telephone network. The gateway device is connected to a wired home telephone  
network having one or more wired telephones, a wired telephone network, such as the  
PSTN, and a wireless telephone network. The apparatus may operate in a first mode that  
allows the wired telephone network to be utilized as a primary telephone network for the  
10   wired home telephone network and the wireless telephone network to be utilized as a  
backup in case of failure of the wired telephone network. Alternatively, the apparatus  
may operate in a second mode that allows the wireless telephone network to be utilized as  
a primary telephone network for the wired home telephone network and the wired  
telephone network to be utilized as a backup in case of failure of the wireless telephone  
15   network. The selection of the operating mode for the apparatus may be based upon user  
selection, a user-specified time schedule, dialed digits, or other factors.

TELEPHONE